

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	578	Zonyl and fluorosurfactant and polymer\$	US-PGPUB; USPAT	OR	OFF	2009/02/09 08:52
L5	113	Zonyl same fluorosurfactant same polymer\$	US-PGPUB; USPAT	OR	OFF	2009/02/09 08:52
L6	1	"5380644".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:01
L7	163	(moving near5 metal) same (fluoro or fluorin\$ or electrolyte or polyelectrolyte)	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:28
L8	19949	"508"/\$7.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:48
L9	433289	(fluoro or fluorin\$ or electrolyte or polyelectrolyte)	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:48
L10	1822	8 and 9	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:49
L11	46367	(fluoro or fluorin\$ or electrolyte or polyelectrolyte).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:49
L12	220	8 and 11	US-PGPUB; USPAT	OR	OFF	2009/02/09 09:49
L13	2105927	metal	US-PGPUB; USPAT	OR	OFF	2009/02/09 10:27
L14	2258287	metal or metallic	US-PGPUB; USPAT	OR	OFF	2009/02/09 10:27
L15	175	12 and 14	US-PGPUB; USPAT	OR	OFF	2009/02/09 10:27
L16	3578254	(charge\$ or positive\$ or negative\$ or opposite\$)	US-PGPUB; USPAT	OR	ON	2009/02/09 10:35
L17	97	15 and 16	US-PGPUB; USPAT	OR	ON	2009/02/09 10:36
L18	1	"4497720".pn.	US-PGPUB; USPAT	OR	ON	2009/02/09 11:31
L19	924949	particle	US-PGPUB; USPAT	OR	ON	2009/02/09 11:31
L20	0	18 and 19	US-PGPUB; USPAT	OR	ON	2009/02/09 11:31
L21	1	WO-03014234-\$.DID.	DERWENT	OR	ON	2009/02/09 11:40
S1	1	"20070265174".pn.	US-PGPUB; USPAT	OR	OFF	2009/01/30 19:11

S2	24	"3467604".pn. or "4169023".pn. or "4501835".pn. or "4654235".pn. or "5208111".pn. or "5711915".pn. or "5807636".pn. or "5939323".pn. or "6402918".pn. or "6468657".pn. or "6610789".pn. or "6841054".pn. or "6860980".pn. or "7101947".pn. or "20030078388".pn. or "20030215626".pn. or "20040022691".pn. or "20040060481".pn. or "20040084312".PN. OR "20040149572".PN. OR "20040265603".PN. OR "20050025675".PN. OR "20050282925".PN. OR "20060065529".PN.	US-PGPUB; USPAT	OR	OFF	2009/02/03 15:05
S3	25818	((electrolyte or polyelectrolyte) and (fluoro or fluorine or tetrafluoroethylene or TFE or perfluoro\$))	US-PGPUB; USPAT	OR	OFF	2009/02/03 15:58
S4	375	((electrolyte or polyelectrolyte) and (fluoro or fluorine or tetrafluoroethylene or TFE or perfluoro\$)).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/03 15:58
S5	30	((JOSEPH) near2 (SCHLENOFF)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 15:59
S6	6	((JOSEPH) near2 (SCHLENOFF)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/02/03 15:59
S7	19	S5 not S2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/03 16:00
S8	11	S5 not S7	US-PGPUB; USPAT	OR	OFF	2009/02/03 16:07
S9	1	"20060286424".pn.	DERWENT	OR	OFF	2009/02/03 16:25
S10	64	((electrolyte or polyelectrolyte) and (fluoro or fluorine or tetrafluoroethylene or TFE or perfluoro\$)).ab. and (charg\$ or positive\$ or negative\$ or opposite\$).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/04 10:50
S11	554	(electrolyte or polyelectrolyte).ab. and ((fluoro or fluorine or tetrafluoroethylene or TFE or perfluoro\$) and (charg\$ or positive\$ or negative\$ or opposite\$)).clm.	US-PGPUB; USPAT	OR	OFF	2009/02/04 10:56
S12	52	((fluoro or fluorin\$) and charg\$ and polymer).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/04 13:33
S13	2	((fluoro or fluorin\$) and charg\$ and polyelectrolyte).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/04 13:44
S14	1	"20050287111".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/06 12:54
S15	3	pfpvp	US-PGPUB; USPAT	OR	OFF	2009/02/06 13:53

S16	1798	(fluoropyrid\$ or fluorinated or fluorine or fluorin\$7) near9 (pyridin\$5)	US-PGPUB; USPAT	OR	OFF	2009/02/06 13:57
S17	8447	polyelectrolyte	US-PGPUB; USPAT	OR	OFF	2009/02/06 13:57
S18	30	S16 and S17	US-PGPUB; USPAT	OR	OFF	2009/02/06 13:58
S19	3625	428/421.ccls. or 428/422.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:16
S20	121794	electrolyte or polyelectrolyte	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:17
S21	135	S19 and S20	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:17
S22	3619333	(electrolyte or polyelectrolyte or charge\$ or positive\$ or negative\$ or opposit\$)	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:19
S23	1753	S19 and S22	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:19
S24	45483	(electrolyte or polyelectrolyte) and charge\$ and (positive\$ or negative\$ or opposit\$)	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:20
S25	40	S19 and S24	US-PGPUB; USPAT	OR	OFF	2009/02/06 14:20
S26	1	"20070265174".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/06 15:42
S27	2501639	friction or rotating or moving or particle	US-PGPUB; USPAT	OR	OFF	2009/02/06 15:43
S28	1	S26 and S27	US-PGPUB; USPAT	OR	OFF	2009/02/06 15:44
S29	1	"20020086932".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/06 16:19
S30	109	(fluorin\$ near5 pyridinium)	US-PGPUB; USPAT	OR	OFF	2009/02/06 17:15
S31	2	(pyridinium and polyelectrolyte).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/06 17:59
S32	13	(pyridinium and (electrolyte or polyelectrolyte)).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/06 18:01
S33	479	(pyridinium same (electrolyte or polyelectrolyte))	US-PGPUB; USPAT	OR	OFF	2009/02/06 18:03
S34	334503	(Fluoro or fluorin\$)	US-PGPUB; USPAT	OR	OFF	2009/02/06 18:16
S35	239	S33 and S34	US-PGPUB; USPAT	OR	OFF	2009/02/06 18:16
S36	1	"20040265603".pn.	DERWENT	OR	OFF	2009/02/06 18:22
S37	0	(magnetic adj disc).ab. and (polyelectrolyte).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/06 19:41
S38	1005	(magnetic adj disc).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/06 19:42
S39	868	(magnetic adj disc).ab.	USPAT	OR	OFF	2009/02/06 19:42

S40	9	(magnetic adj disc).ab. and coating.ab.	USPAT	OR	OFF	2009/02/06 19:45
S41	3	(magnetic adj disc).ab. and (coated or coating).ab. and method.ab.	USPAT	OR	OFF	2009/02/06 19:46
S42	113	(magnetic adj disc).ab. and method.ab.	USPAT	OR	OFF	2009/02/06 19:49
S43	324	(polytetrafluoroethylene same charg\$ same particle)	US-PGPUB; USPAT	OR	OFF	2009/02/06 20:30
S44	45	(polytetrafluoroethylene same charg\$ same particle) and (fluorin \$ near8 polymer)	US-PGPUB; USPAT	OR	OFF	2009/02/06 20:46
S45	1104724	film	US-PGPUB; USPAT	OR	OFF	2009/02/06 21:12
S46	33	S44 and S45	US-PGPUB; USPAT	OR	OFF	2009/02/06 21:12
S47	1	"20080177002".pn.	US-PGPUB; USPAT	OR	OFF	2009/02/06 21:48

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